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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/810,688	03/29/2004	Nambi Seshadri	1875.3820001	1270

26111 7590 07/31/2007
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1100 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005

EXAMINER

GERGISO, TECHANE

ART UNIT	PAPER NUMBER
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2137

MAIL DATE	DELIVERY MODE
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07/31/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/810,688

Applicant(s)

SESHADRI, NAMBI

Examiner

Techane J. Gergiso

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-74 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☒ Claim(s) 1-74 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This is an election requirement correspondence in response to the applicant's communication filed on March 29, 2004.

Election/Restrictions

2. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 25 and 62 are drawn to a method and system for securely transmitting a message comprising generating an **encoded** data by applying an encoding algorithm; **encrypting the encoded data** with a **first level** encryption and **second level** encryption; **transmitting** the encrypted data to a receiving device; and **decrypting** the encrypted data and then **decoding** the encoded data at the receiver; and it is classified in class 713, subclass 181.
 - II. Claims 1, 31, 38 and 68 are drawn to a method and system for securely transmitting a message comprising **encrypting a first part of a message** with a **first encryption level** to produce a first encrypted message; **encrypting a second part of the message** with a **second encryption level** to produce a second encrypted message; **transmitting** both the first and second encrypted message to a receiver; and **outputting** data at the receiver from the first and second portion of the message; and it is classified in class 713, subclass 161.

3. The inventions are distinct, each from the other because of the following reasons:

Inventions I-II are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. For example, Group I is a method and system for securely transmitting a message comprising generating an encoded data by applying an encoding algorithm; encrypting the encoded data with a first level encryption and second level encryption; transmitting the encrypted data to a receiving device; and decrypting the encrypted data and then decoding the encoded data at the receiver; and Group II is a method and system for securely transmitting a message comprising encrypting a first of a message with a first encryption level to produce a first encrypted message; encrypting a second part of the message with a second encryption level to produce a second encrypted message; transmitting both the first and second encrypted message to a receiver; and outputting data at the receiver from the first and second portion of the message.

4. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their classification, restriction for examination purpose as indicated is proper.

5. Applicants are advised that the replay to this requirement to be completed must include an election of the invention to be examined even though the requirement can be traversed (37 CFR 1.143).

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6. Applicant is reminded that upon the cancellation of the claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of the inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by fee required under 37 CFR 1.17(i).

Contact Information

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Techane J. Gergiso whose telephone number is (571) 272-3784. The examiner can normally be reached on 9:00am - 6:00pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

T-G
Techane Gergiso

Patent Examiner

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July 25, 2007

Emmanuel L. Moise
EMMANUEL L. MOISE
SUPERVISORY PATENT EXAMINER